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#4

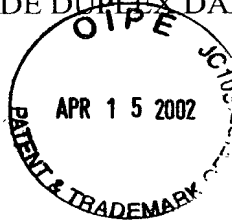
PATENT  
Attorney Docket No.: CIT1290-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Barton and Junicke	Art Unit:	1645
Application No.:	10/015,997	Examiner	Unassigned
Filed:	December 10, 2001		
Title:	METHODS AND COMPOSITIONS FOR DETECTING POLYNUCLEOTIDE DUPLEX DAMAGE AND ERRORS		

## Box Sequence

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202



**RESPONSE TO NOTICE TO FILE MISSING PARTS**  
**OF NONPROVISIONAL APPLICATION**

Dear Sir:

In response to the notice to file missing parts of nonprovisional application mailed January 23, 2002, Applicant provides herewith a computer readable and a paper copy of the Sequence Listing in accordance with 37 C.F.R. § 1.821 *et seq.* The remaining items noted as missing parts will be submitted under separate cover to Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231.

Please amend the application as follows:

In the Specification:

Following the abstract, please insert the attached Sequence Listing with subsequent page numbering thereafter.

<p align="center"><b>CERTIFICATION UNDER 37 CFR §1.8</b></p>	
<p>I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, <u>04/08/2002</u>, in an envelope addressed to <u>US Patent and Trademark Office Box Sequence, P O Box 2327 Arlington, VA 22202</u></p>	
<p align="center"><b>Mikhail Bayley</b></p>	
<p>Name of Person Mailing Paper <u>Mikhail Bayley</u> <u>04/08/2002</u></p>	
<p>Signature</p>	<p>Date</p>

In re Application of:  
Barton and Junicke  
Application No.: 10/015,997  
Filed: December 10, 2001  
Page 2



PATENT  
Attorney Docket No.: CIT1290-1

If the Examiner would like to discuss any of the issues raised in this Amendment or the attached sequence listing, Applicants' representative can be reached at (858) 638-6724.

Respectfully submitted,

Date: \_\_\_\_\_

4/8/02

Lisa A. Haile, Ph.D.  
Reg. No. 38,347  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP  
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San Diego, CA 92121-2133

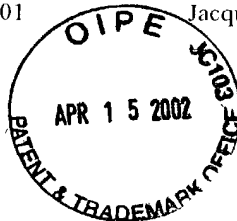
**USPTO Customer Number: 28213**

JAN 29 2002


 GRAYCARY/T.ELLIS  
 UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/015,997	12/10/2001	Jacqueline K. Barton	CIT1290-1

 28213  
 GARY CARY WARE & FRIENDENRICH LLP  
 4365 EXECUTIVE DRIVE  
 SUITE 1600  
 SAN DIEGO, CA 92121-2189


CONFIRMATION NO. 3460

## FORMALITIES LETTER



\*OC000000007343567\*

Date Mailed: 01/23/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter
- **The balance due by applicant is \$ 65.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:

04/18/2002 HBERHE 00000012 501355 10015997  
 01 FC:205 65.00 CH

- drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable

Adjustment date: 05/31/2002 HBERHE 00000012 501355 10015997  
 04/18/2002 HBERHE 00000012 501355 10015997  
 01 FC:205 65.00 CH

form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

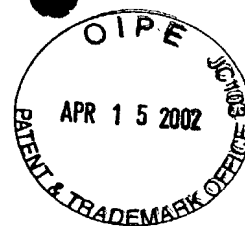
- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



## SEQUENCE LISTING

<110> THE CALIFORNIA INSTITUTE OF TECHNOLOGY  
BARTON, Jacqueline K.  
JUNICKE, Henrik

<120> METHODS AND COMPOSITIONS FOR DETECTING POLYNUCLEOTIDE DUPLEX DAMAGE

<130> CIT1290-1

<140> US 10/015,997

<141> 2001-12-10

<150> US 60/254,497

<151> 2000-12-08

<160> 6

<170> PatentIn version 3.1

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